

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	93	preventing and unauthorized adj copying and contents same printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 13:52
L2	51	L1 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 13:53
L3	0	L2 and acquiring adj pattern and(imag\$4 or ccd or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 13:53
L4	1	preventing and unauthorized adj copying and contents same printed adj paper and acquiring adj pattern and(imag \$4 or ccd or detector or camera or sensor\$1)and (paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 13:56
L5	1	printed adj paper and acquiring adj pattern and(imag \$4 or ccd or detector or camera or sensor\$1)and (paper adj money or certificates or personal adj works or bar adj code)and (storag\$4 or memory or LUT or storing)and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 13:59
L6	1	printed adj paper and acquiring adj pattern and(imag \$4 or ccd or detector or camera or sensor\$1)and (paper adj money or certificates or personal adj works or bar adj code or currency or bank adj note)and (storag\$4 or memory or LUT or storing)and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 14:00

L7	4	acquiring adj pattern and(imag\$4 or ccd or detector or camera or sensor\$1)same (paper adj money or certificates or personal adj works or bar adj code or currency or bank adj note)and (storag\$4 or memory or LUT or storing)and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 14:01
L8	1	L7 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 14:01
S1	2	"5974150".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 12:51
S2	2	"5974150".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 12:59
S3	114	((("4278722") or ("4591707") or ("5555006") or ("5559075") or ("5677716") or ("5877865") or ("4495012") or ("4589884") or ("4619389") or ("4756956") or ("4971858") or ("4987014") or ("5235914") or ("5237923") or ("5297871") or ("5319417") or ("5334815") or ("5403422") or ("5408295") or ("5416058") or ("5444212") or ("5454309") or ("5527757") or ("5563694") or ("5606628") or ("5615280") or ("5677722") or ("5759752") or ("5838338") or ("5863859") or ("5930404") or ("5980016") or ("6102509") or ("6109178") or ("6120200") or ("6132024") or ("6145955") or ("4245555") or ("4255480") or ("4257329") or ("4263387") or ("4263081") or ("4265987") or ("4269334") or ("4286886") or ("4294637") or ("4303459") or ("4305987") or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/22 13:17

		("4314159") or ("4325196") or ("").pn.)).PN.				
S4	115	preventing and unauthorized adj copying and contents and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:20
S5	101	S4 and (paper adj money or certificates or personal adj works)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:22
S6	93	S5 and(@ad<"20040122" or @rlad<"20040122" or @prad<"20040122" or @ptad<"20040122")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:27
S7	59	S5 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:27
S8	0	S7 and acquiring adj pattern same printing adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:45
S9	0	S7 and acquiring adj pattern with printing adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:45
S10	0	S7 and acquiring adj pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:45
S11	101	S4 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:46
S12	59	S11 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:46
S13	59	S12 and(acquiring adj pattern or imag\$4 or ccd or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:47

S14	0	S12 and acquiring adj pattern and(imag\$4 or cod or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:48
S15	59	S12 and(imag\$4 or cod or detector or camera or sensor \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:48
S16	3	S12 and(imag\$4 or cod or detector or camera or sensor \$1)and capturing and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:49
S17	3	S16 and storage and (verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:51
S18	3	S17 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:51
S19	104	S4 and (paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:04
S20	98	S19 and pattern and(imag\$4 or cod or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:04
S21	0	S19 and capturing adj pattern and(imag\$4 or cod or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:05
S22	8	S19 and capturing and pattern and(imag\$4 or cod or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:06
S23	3	S22 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:06

S24	0	S3 and preventing and unauthorized adj copying and contents and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:09
S25	6	S3 and (paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:10
S26	6	S25 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:10
S27	1	S4 and (low adj range adj frequency adj component or low adj range adj pattern adj image)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:16
S28	0	S3 and (low adj range adj frequency adj component or low adj range adj pattern adj image)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:16
S29	8	S4 and(imag\$4 or ccd or detector or camera or sensor \$1 or scanner)and capturing and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:23
S30	8	S29 and (paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:23
S31	97	S4 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and (low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:27
S32	97	S31 and (paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:28
S33	7	S32 and(imag\$4 or ccd or detector or camera or sensor \$1 or scanner)and capturing and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:28

S34	3	S33 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:28
S35	175478	(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:31
S36	115	preventing and unauthorized adj copying and contents and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:32
S37	447852	(extract\$3 or divid\$4 or segmentat\$3)and pattern and (low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:32
S38	51216	(imag\$4 or ccd or detector or camera or sensor\$1 or scanner)and capturing and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:33
S39	104	S35 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:33
S40	97	S37 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:34
S41	7	S40 and(imag\$4 or ccd or detector or camera or sensor \$1 or scanner)and capturing and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:34
S42	3	S41 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:35
S43	52124	S35 and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:36

S44	9846	S43 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:36
S45	10874	S43 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or characteristics or luminance or brightness or intensity or contrast or grey adj values or gray adj values)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:41
S46	1	S45 and preventing adj unauthorized adj copying and contents and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:42
S47	431	S45 and copying and contents and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:43
S48	330	S47 and(@ad<"20040122" or @rlad<"20040122" or @prad<"20040122" or @ptad<"20040122")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:44
S49	159	S47 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:44
S50	4293	S43 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or brightness or intensity or grey adj values or gray adj values)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:50
S51	10706	S35 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or brightness or intensity or grey adj values or gray adj values)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:51

S52	9	S39 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:54
S53	123	preventing and unauthorized adj copying and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:56
S54	107	S35 and S53	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:57
S55	9	S54 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:58
S56	3	S55 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:59
S57	641	S43 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:01
S58	641	S57 and(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:02
S59	641	S58 and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:03
S60	335	S59 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:03
S61	113	preventing and unauthorized adj copying and printed adj paper and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:04

S62	8	S61 and(extract\$3 or divid\$4 or segmentat\$3)same luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:04
S63	3	S62 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:04
S64	13	(extract\$3 or divid\$4 or segmentat\$3)same luminance same(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:18
S65	2	S64 and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:19
S66	0	S65 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:19
S67	0	S3 and(extract\$3 or divid\$4 or segmentat\$3)same luminance same(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:20
S68	0	S3 and(extract\$3 or divid\$4 or segmentat\$3)and luminance same(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:20
S69	1	S3 and(extract\$3 or divid\$4 or segmentat\$3)and luminance and(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:20
S70	1	S69 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:21
S71	67832	(watermark\$3 near image\$1 or preventing or unauthorized adj copying or printed adj paper)and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:30

S72	9615	(watermark\$3 near image\$1 or preventing or unauthorized adj copying or printed adj paper)same(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:30
S73	1	S72 and(extract\$3 or divid\$4 or segmentat\$3)same luminance same(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:31
S74	61	S4 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:33
S75	8924	(watermark\$3 near image\$1 or preventing or unauthorized adj copying or printed adj paper or steganographic or marker or dot or holographic) and(verification or authentication or validity)and (paper adj money or certificates or personal adj works or bar adj code)and (depth or ranges\$1 or intensit \$3 or brightness or gray or grey or luminance or luminances\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:35
S76	16	(watermark\$3 near image\$1 or preventing or unauthorized adj copying or printed adj paper or steganographic or marker or dot or holographic) same(verification or authentication or validity)same (paper adj money or certificates or personal adj works or bar adj code)same (depth or ranges\$1 or intensit \$3 or brightness or gray or grey or luminance or luminances\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:36
S77	7	S76 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:36

S78	725	(watermark\$3 near image\$1 or preventing or unauthorized adj copying or printed adj paper or steganographic or marker or dot or holographic) same(paper adj money or certificates or personal adj works or bar adj code) same (depth or ranges\$1 or intensit \$3 or brightness or gray or grey or luminance or luminances\$1 or low adj luminance or high adj luminance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:43
S79	546	S78 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:44
S80	35	(extract\$3 or divid\$4 or segmentat\$3) same(watermark \$3 near image\$1 or preventing or unauthorized adj copying or printed adj paper or steganographic or marker or dot or holographic) same(paper adj money or certificates or personal adj works or bar adj code) same (depth or ranges\$1 or intensit \$3 or brightness or gray or grey or luminance or luminances\$1 or low adj luminance or high adj luminance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:47
S81	25	S80 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:47
S82	2	"7054461".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 10:57
S83	2	S82 and(extract\$3 or divid\$4 or segmentat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 10:58
S84	1	S82 and(divid\$4 or segmentat \$3) same image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 11:01

S85	1	S82 and (area or region) same division	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 11:03
S86	0	S82 and (area or region) same division same predetermined same profile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 11:04
S87	0	S82 and (area or region) same division and predetermined and profile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 11:04
S88	0	S82 and (area or region) and division and predetermined and profile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 11:04
S89	2	S82 and (extract\$3 or extraction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 11:29
S90	1	"7735144".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 16:26
S91	1	"7735120".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 16:26
S92	1	"7735065".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 16:27

6/ 11/ 10 2:12:25 PM

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